

ABANDONED/UNCONTROLLED HAZARDOUS WASTE SITE INVESTIGATION

Preliminary Assessment
'3012' Summary
Case #534.918

Branch Metal Processing Company
600 St. Cyr Road
St. Louis, Missouri 63137

owned by

P. G. Investments
Phillip Kootman, President
Gerald Kootman, Executive Vice President
620 St. Cyr Road
St. Louis, Missouri 63137
(314) 867-7500

Site: Certain-Teed
ID #: 1400980631162
Break: 1.5
Other: 8-28-84

SEP 17 1984



30290377

Superfund

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ID #: 1400980631162
Break: 1.5
Other: 8-28-84

SUPERFUND

SEP 17 1984

SITE LOG

- I. INVESTIGATOR: Kerwin Singleton
Environmental Specialist
Waste Management Unit
St. Louis Regional Office
Missouri Department of Natural Resources
- II. DATE INVESTIGATION INITIATED: August 24, 1984
DATE INVESTIGATION COMPLETED: August 28, 1984
- III. FILE SUMMARY OF SITE HISTORY:

Branch Metal Processing Company, owned by P.G. Investments, acquired the site in September 1981, from Certain-Teed Corporation, which ceased its asbestos-cement pipe manufacturing on May 11, 1979. Certain-Teed and its neighbor, GAF Corporation, previously used the land between their plants as an open dump for scrap asbestos and settled solids from process wastewater solids in December 1975, and began recycling the solids through the process stream. The disposal of scrap asbestos ceased in 1979 with the termination of manufacturing operations.

In February 1979, Reitz & Jens, the consulting engineers for both companies, began preparation of closure plans and Certain-Teed and GAF in order to minimize adverse environmental impact and comply with the Missouri Solid Waste Management Law.

Subsequent plans approved by the Missouri Department of Natural Resources (MDNR) included: reworking the material to an acceptable slope (2% on top, 3H:1V on perimeter slopes), applying an earth cover of at least 12 inches, seeding the site to establish a good vegetative growth and constructing a rock blanket on the creek slope to prevent erosion.

A site inspection conducted by the Department on May 13, 1980 confirmed that the site was in basic conformance with the approved plans and specifications. At that time it was known that broken asbestos-containing pipe remained scattered along the undisturbed creek bank upstream of the rip-rap work area (NW corner). Due to the wooded nature of the bank, there appeared to be no threat of asbestos run-off or airborne emissions.

In January 1982, the discarded asbestos material became visible along the bank after the Metropolitan Sewer District (MSD) conducted a tree/brush

clearing project for future creek channelization. This made the material subject to sloughing off with stream flow fluctuations. The Department recommended that any removal/stabilization work be coordinated with MSD.

In May 1982, MSD proposed a cleanup of the creek bank which the Department approved with the condition that the waste be disposed of at an approved sanitary landfill. The cleanup of the creek slope began in August 1982, and Zykan Brothers, Inc. hauled several loads of scrap asbestos to West Lake Sanitary Landfill. As of this date, however, there is still approximately 1,000 square feet area with scrap asbestos pipe visible along the upper reaches of the creek bank.

PHYSICAL CHARACTERISTICS

As mentioned above, there is solid asbestos-containing cement pipe scrap scattered along the creek bank. The only adverse health effect potential would be that of prolonged inhalation and accumulation of "Friable" (easily crumbled) material in the lungs of persons frequenting the area. The scrap pipe, however, has been determined to be non-friable.

MIGRATION POTENTIAL

Because of the tree/brush clearing along the creek bank, the pipe scrap may be carried from the bank during high water. Depending upon the size of the fragments, a strong current would wash the pieces downstream into the Mississippi River. There are no known wells in the area. All drinking water in the vicinity is supplied by the City of St. Louis - Chain of Rocks WTP upstream of the site on the Mississippi River.

LAND USE AROUND THE SITE

The site is situated in the corporate limits of Riverview and Bellefontaine Neighbors with its entrance on a medium use county road. The disposal area is located at the NW corner of the Branch Metal property. Approximately 150-200 people in a residential area beginning 130 feet west of the site and the residents of a nursing home 350 feet northwest of the site could theoretically be exposed to asbestos particles if the material becomes friable, which is considered unlikely.

IV. CONCLUSION AND RECOMMENDATION:

Missouri Department of Natural Resources - St. Louis Regional Office maintains a complete file on this site, formerly known as the GAF - Certain-Teed asbestos waste pile project. The majority of the site has been stabilized relative to surface considerations and environmental pathways of concern, with the exception of the site's northwest corner bordering the Maline Creek channel as described herein.


The minor uncontrolled portion of the site does not pose a significant degree of hazard to the public health or environment in the judgement of the investigator. No further action by the agency appears warranted at this time.

V. LIST OF REPORT APPENDICES:

- 1) EPA preliminary assessment form
- 2) Site locator map


VI. SIGNATURES:

PREPARED BY:


Kerwin Singleton
Environmental Specialist
St. Louis Regional Office
Missouri Department of Natural Resources

9/7/84
Date

APPROVED BY:


F. Donald Maddox
Regional Administrator
St. Louis Regional Office
Missouri Department of Natural Resources

9/7/84
Date

FDM/KS/bkl



Potential Hazardous Waste Site

Preliminary Assessment

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POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE MO 02 SITE NUMBER 50000000139

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Branch Metal Processing Company	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 600 St. Cyr Road				
03 CITY St. Louis	04 STATE MO	05 ZIP CODE 63137	06 COUNTY St. Louis	07 COUNTY CODE 189	08 CONG DIST 1
09 COORDINATES LATITUDE 38° 44' 03"		LONGITUDE 90° 13' 12"			

10 DIRECTIONS TO SITE (starting from nearest major road)

approximately 1/3 mile east on St. Cyr Road, from Bellefontaine Road in Bellefontaine Neighbors

III. RESPONSIBLE PARTIES

01 OWNER (if owner) P. G. Investments	02 STREET (Business mailing recommendation) 620 St. Cyr Road			
03 CITY St. Louis	04 STATE MO	05 ZIP CODE 63137	06 TELEPHONE NUMBER (314) 867-7500	
07 OPERATOR (if owner and operator are different) Branch Metal Processing	08 STREET (Business mailing recommendation)			
09 CITY "as above"	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER ()	
13 TYPE OF OWNERSHIP (check one) <input checked="" type="checkbox"/> A PRIVATE <input type="checkbox"/> B FEDERAL <input type="checkbox"/> C STATE <input type="checkbox"/> D COUNTY <input checked="" type="checkbox"/> E MUNICIPAL <input type="checkbox"/> F OTHER <input type="checkbox"/> G UNKNOWN				

14 OWNER/OPERATOR NOTIFICATION ON FILE (check one of the above)

A RCRA 3001 DATE RECEIVED ☒ B UNCONTROLLED WASTE SITE (EPA 103) DATE RECEIVED 6 / 11 / 81 ☐ C NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE <u> </u> / <u> </u> / <u> </u> <input type="checkbox"/> NO see MDNR-SLRO file for previous inspection history	BY (check one of the above) <input type="checkbox"/> A EPA <input type="checkbox"/> B EPA CONTRACTOR <input checked="" type="checkbox"/> C STATE <input type="checkbox"/> D OTHER CONTRACTOR <input type="checkbox"/> E LOCAL HEALTH OFFICIAL <input type="checkbox"/> F OTHER			
02 STATUS (check one) <input type="checkbox"/> A ACTIVE <input checked="" type="checkbox"/> B INACTIVE <input type="checkbox"/> C UNKNOWN		03 YEAR(S) OF MATERIAL 1935 1979 <input type="checkbox"/> UNKNOWN		

14 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT KNOWN OR ALLEGED

Asbestos-containing concrete pipe scrap

15 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND OR POPULATION

possible chronic health effects through inhalation if material becomes friable (easily crumbled)

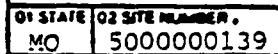
V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (check one. If high or medium is checked, complete Part 2. Waste information and Part 3. Description of Hazardous Conditions and the owner)

☐ A HIGH (inspected from remote or priority) ☐ B MEDIUM (inspected from remote) ☒ C LOW (inspected on site available data) ☐ D NONE (no further action required, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT Gerald Kootman	02 OF (agency or organization) P. G. Investments		03 TELEPHONE NUMBER (314) 867-7500	
04 PERSON RESPONSIBLE FOR ASSESSMENT Kerwin Singleton	05 AGENCY MDNR	06 ORGANIZATION SLRO	07 TELEPHONE NUMBER (314) 849-1313	08 DATE 8 / 27 / 84 MONTH DAY YEAR



A TOXIC	E SOLUBLE	I HIGHLY VOLATILE
B CORROSIVE	F INFECTIOUS	J EXPLOSIVE
C RADIOACTIVE	G FLAMMABLE	K REACTIVE
D PERSISTENT	H IGGITABLE	L INCOMPATIBLE
		M NOT APPLICABLE

EPA FORM 2070-12 (7-81)



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A. GROUNDWATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ B. SURFACE WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ C. CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ E. DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ F. CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED: _____
(Acres)

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ G. DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ H. WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ I. POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

